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ABSTRACT OF THE DISCLOSURE

A fuel cell system comprises a condenser for separating discharged components discharged from a fuel cell into gas components and water and recovering the water, and a flow rate control unit for controlling a flow rate of a cooling medium supplied to the condenser for performing heat exchange with the discharged components, depending on an operation condition of the fuel cell. Accordingly, the flow rate of the cooling medium can be smoothly controlled depending on the operation condition of the fuel cell.